

# *fischer connectors*

## *medical*



**fischer**  
CONNECTORS  
[www.fischerconnectors.com](http://www.fischerconnectors.com)



# For reliability and ergonomics...



## High performance connector and cable assembly solutions

### Proven reliable

- **Unparalleled signal integrity**  
leading edge connector technology
- **Fully secured connections**  
automatic push-pull locking system
- **Designed for demanding environments**  
sterilizable, sealed or hermetic
- **360°EMC shielded**  
no electromagnetic interferences
- **Long product durability**  
10,000 mating cycles guaranteed
- **Medical standards compliant**  
trusted by OEMs for more than 50 years
- **Quality and environmental standards compliant**

**ISO 13485** **ISO 9001** **ISO 14001** **ROHS** **REACH**  
compliant

### Advanced ergonomics

- **Easily gripped even with gloves**  
circular connector design with ribbed profile
- **Safe and easy connect/disconnect operations**  
mechanical and color-coding
- **Streamlined product designs**  
high pin density and hybrid contacts
- **Ideal for compact and portable devices**  
miniature and lightweight construction
- **Fully satisfies your application needs**  
customized product development
- **Integrated connector and cable solution**  
standard or customized cabling services

*safe  
sterilizable  
shielded*

*color-coded  
hybrid  
lightweight*



# ... your equipment deserves the best.



reusable		
metal		
generic purposes	harsh environment	ultralight equipment
fischer Core series	fischer UltiMate™ Original series	fischer AluLite™ series

key features		<ul style="list-style-type: none"> <li>▪ Extensive range of body styles and contact configurations</li> <li>▪ Color-coded strain reliefs and washers</li> <li>▪ Mechanical coding with keying system</li> </ul>	<ul style="list-style-type: none"> <li>▪ Rugged design for demanding environments</li> <li>▪ Miniature and ultralight design</li> <li>▪ Excellent sealing IP68/69K even unmated</li> <li>▪ Mechanical and visual coding</li> <li>▪ Easy Fischer cable assembly solutions</li> </ul>	<ul style="list-style-type: none"> <li>▪ 50% lighter than typical metal connector</li> <li>▪ Extensive range of body styles and contact configurations</li> <li>▪ Wide color range of housings</li> <li>▪ Mechanical coding with keying system</li> </ul>
housing material		<ul style="list-style-type: none"> <li>▪ Brass</li> <li>▪ Stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>▪ Brass</li> <li>▪ Aluminium</li> </ul>	<ul style="list-style-type: none"> <li>▪ Aluminium</li> </ul>
sterilization		✓	✓	✓
locking system		<ul style="list-style-type: none"> <li>▪ Push-pull</li> <li>▪ Emergency release</li> <li>▪ Non locking</li> </ul>	<ul style="list-style-type: none"> <li>▪ Push-pull</li> <li>▪ Emergency quick release</li> </ul>	<ul style="list-style-type: none"> <li>▪ Push-pull</li> <li>▪ Emergency release</li> </ul>
contact types	 Low voltage	✓	✓	✓
	 High voltage	✓	—	✓
	 Fiber optic	✓	—	✓
	 Coax/Triax	✓	—	✓
	 Hybrid/Fluid/Gas	✓	—	✓

For detailed information on the technical specifications, please visit our website: [www.fischerconnectors.com](http://www.fischerconnectors.com) or contact us.

medical

connectors

plastic

generic purposes

fischer 405 series

miniature equipment

fischer 4032 series



- Fully insulated plastic body
- Integrated color coded nut and strain reliefs
- Keying system
- Mateable with Fischer metal body styles

PEI

✓

Push-pull

✓

✓

✓

✓

✓

- Lightweight and compact
- Fully insulated plastic body
- Integrated color coded nut and strain reliefs
- Keying system

PBT

—

Push-pull

✓

—

—

✓

✓

disposable connectors

plastic

single use equipment

fischer L.U.C.™ series



- Low cost, high performance
- Mateable with high cycle life time Fischer receptacles
- Modular system
- Easy integration of embedded electronics
- For high volume production, stamped contacts available

ABS Plastic

✓

Non locking

✓

—

✓

✓

✓



## *Serving a wide array of medical applications*

For more than 50 years, Fischer Connectors has designed, manufactured, and distributed high performance push-pull connector and cable assembly solutions. Offering highly flexible configurations, including low/high voltage, coax/triax, fiber optic, liquid/gas and hybrid, our product range comprises over 10,000 items.

Proven to be reliable in very demanding environments, **Fischer Connectors' products are ideal for medical electronic equipment** like:

- **Diagnostic devices**
- **Surgical instrumentation**
- **Therapy applications**
- **Medical imaging**
- **Cardiac assist devices**
- **Disposable equipment**

Our company is committed to working closely with its customers to equip their applications with the most appropriate connector and cable system. Primary design and manufacturing facilities are located in Switzerland, with subsidiaries and distributors located worldwide.

## *Contact us*

Selecting the right connector and cable system is an important and challenging process. If in doubt, just ask! Our specialists are on hand to help you equip your application with the most suitable connector and cable assembly solution. Contact us.

Our website is your starting point to:

- Find your local Fischer Connectors office at [www.fischerconnectors.com/contacts](http://www.fischerconnectors.com/contacts)
- Download our catalogues at [www.fischerconnectors.com/catalogues](http://www.fischerconnectors.com/catalogues)
- Access our technical library (3D CAD models, tech specs) at [www.fischerconnectors.com/technical](http://www.fischerconnectors.com/technical)



# fischer connectors

medical

## our business

### SOLUTION

- Connectors & cable assemblies
- Over 10,000 standard items
- Customized products

### SERVICE

- 3D CAD models, fast prototyping
- Over 50 years experience
- Worldwide network

## your satisfaction

### PERFORMANCE

Our new state-of-the-art production facility serves you even better

- **QUALITY** to offer you highly efficient products and services
- **FLEXIBILITY** to respond to your varied needs
- **SPEED** to accelerate your deliveries

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